

Metro Biosolids Center Improvements

The Metropolitan Biosolids Center (MBC) is the City's regional biosolids facility that receives and processes solids from both the North City Water Reclamation Plant (NCWRP) and the Point Loma Wastewater Treatment Plant. The NCWRP will undergo an expansion under Phase 1 of the Pure Water Program, increasing biosolids flows and loadings to MBC. To accommodate these increased loadings, upgrades and improvements at MBC will be necessary. Additional equipment replacements are also recommended due to the age and condition of existing equipment.

MBC Improvements Schedule

- Design Completion: Early 2019
- Construction: 2019 – 2023

The major project scope elements are illustrated below. These include improvements to the following process areas: grit removal, biosolids thickening, anaerobic digestion, biogas handling and centrate pump station. Biogas handling improvements include new biogas compressors and supply pipeline to the existing cogeneration facility, where renewable energy is generated from biogas and landfill gas. Equipment replacements will be sequenced to allow the plant to remain in continuous operation during construction.





What does Phase 1 Include?

Pure Water San Diego is a phased, multi-year program that will provide 1/3 of San Diego's water supply by 2035. Phase 1 - North City is comprised of several projects that will deliver 30 million gallons per day of purified water to Miramar Reservoir. The purified water will blend with the City's imported and local water sources and be treated again at the Miramar Water Treatment Plant and distributed to the public. A detailed map of the project locations can be viewed online at phase1.purewatersd.org.

Local **residents**, community **groups**, environmental **organizations** and local **businesses** support the **Pure Water Program**.

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